UTAH DIVISION OF OIL GAS AND MINING	ď.
REMARKS: WELL LOG ELECTRIC LOGS FILE X WATER SANDS LOCATION INSPECTED SUB. REPORT/ABD	<del>=</del>
* Location Abandoned- Well never drilled- Feb 9, 1982	
	-
	_
DATE FILED 2-1-80	
LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-01058 INDIAN	
DRILLING APPROVED: 2-8-80	
SPUDDED IN:	
COMPLETED: PUT TO PRODUCING:	-
INITIAL PRODUCTION:	_
GRAVITY A.P.I.	
GOR:	
PRODUCING ZONES:	
TOTAL DEPTH:	
WELL ELEVATION: 4560' GV	
DATE ABANDONED: LA February 9,1982	-
FIELD: Wildcat 3/86	_
UNIT:	
COUNTY: San Juan	-
WELL NO. Federal 1-19A [ API NO:43-037-30535	_
LOCATION 1930' FT. FROM (N) (XXLINE. 1930' FT. FROM XX (W) LINE. SE NW 4-4 SEC. 19	-
	7
TWP. RGE. SEC. OPERATOR TWP. RGE. SEC. OPERATOR	
40s 23E 19 WILLIAM W. WHITLEY	2

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Card Indexed	<u> </u>	Disapprovel Letter	
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Date Well Completed		Location inspected	
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LWP 5-10-91

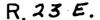
CONDITIONS OF APPROVAL, IF ANY:

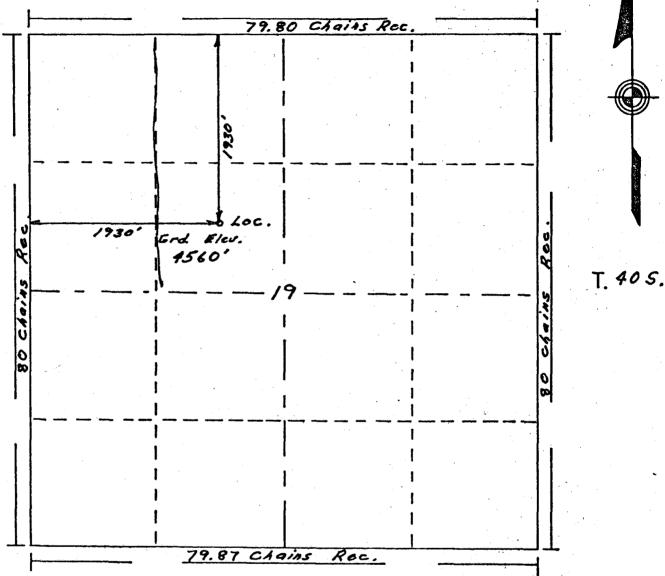
SUBMIT IN (Other instructions on Form approved. Budget Bureau No. 42-R1425.

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APPROVED BY	AT TO ANY	<u> </u>	TLE			— FE	B 01 PM	I <del>VU</del>	·

**DIVISION OF** OIL, GAS & MINING







Scale · · · i" = 1000'

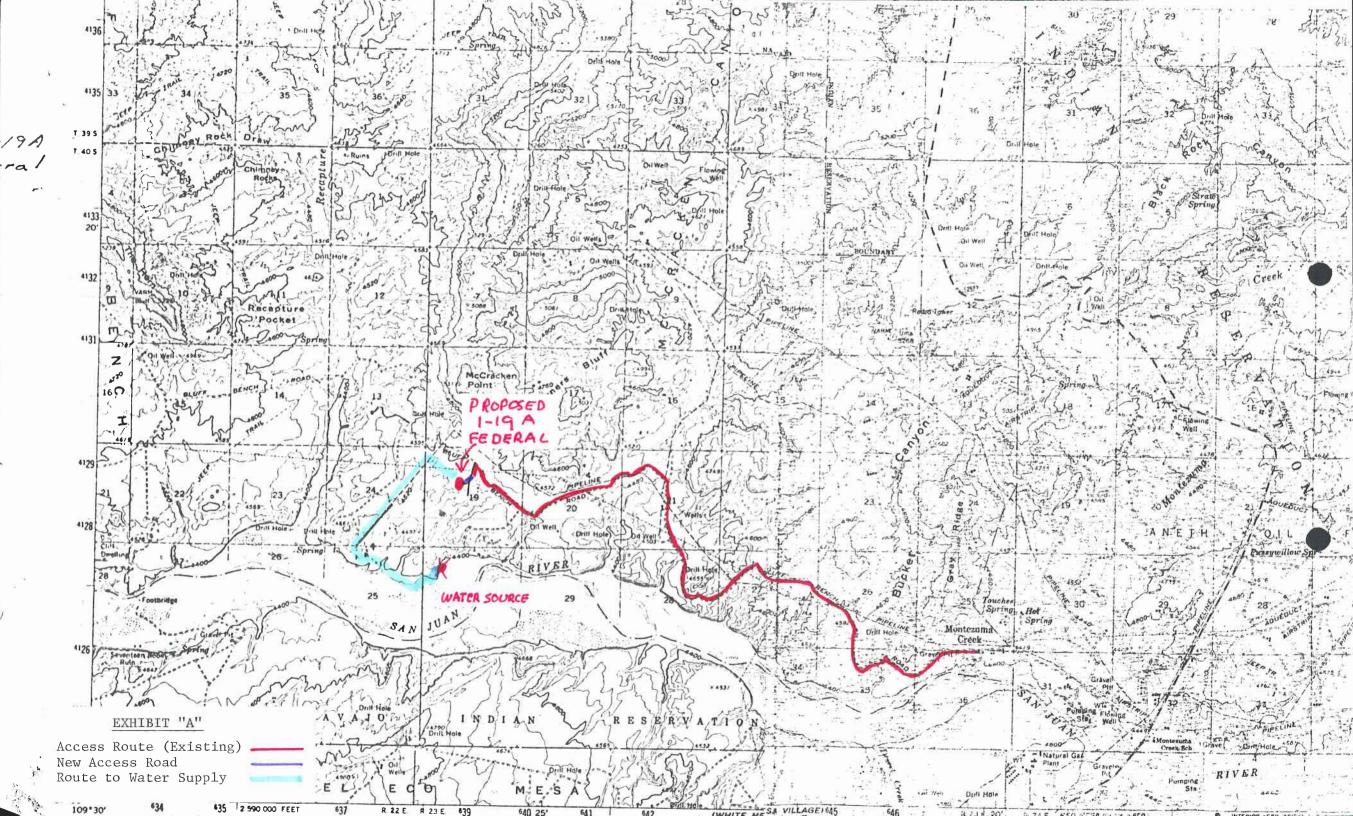
Powers Elevation of Denver, Colorado
has in accordance with a request from Wm. Whitley
for Wm. Whitley
determined the location of #1-19A Federal
to be 1930 FNL & 1930 FWL Section 19 Township 40 South
Range 23 East
San Juan County, Utah
San Juan County, Utah

I hereby certify that this plat iman 4 1980 accurate representation of a correct survey showing the location of

DIVISION OF OIL, GAS & MINING

Licensed Land Surveyor No. 27/1
State of Utah

Date: 28 Dec. 79



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EXHIBIT "C"

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#### WILLIAM W. WHITLEY

# #1-19A FEDERAL SELNW4 (1930' FWL, 1930' FNL) Sec. 19, T40S-R23E San Juan County, Utah

#### NTL-6 MULTIPOINT REQUIREMENTS

#### SURFACE USE PLAN

# 1. Existing Roads

A portion of a U.S. Geological Survey map is attached as Exhibit "A" showing existing roads.

- A. The location plat is attached as Exhibit "B" which shows the location as staked. The well will be drilled in the SELNWL (1930' FWL and 1930' FNL) of Section 19, Township 40 South, Range 23 East, San Juan County, Utah.
- B. The location is 11.0 miles from Utah State Highway 262 which is paved. The 11.0 miles is on an existing oil field road (Bluff Bench Road) which is used for access to the Recapture Creek oil field and is a short cut between Montezuma Creek, Colorado and Bluff, Utah. The road starts at Montezuma Creek, Colorado and continues west and connects with Utah Highway 163 1.4 miles east of Bluff, Utah. It will be necessary to build about 0.25 mile of road from the Bluff Bench Road to the proposed location. If Davis Oil Company builds their proposed location in the SELNWA of Section 19, it will be only necessary to build about 100-200 feet of access road to this proposed location because the Davis Oil access road is staked right by this proposed location.
- C. The access road from the Bluff Bench Road is shown in red on Exhibit "A". This proposed access road will be about 0.25 miles long.
- D. All existing roads within a one-mile radius are shown on the attached Exhibit "A".
- E. The new access road will only be bladed. The road is located on the crest of a ridge and should not require any drainage. The soil is very sandy.

#### 2. Planned Access Road

A. The proposed access road is located approximately 0.25 miles from the presently existing Bluff Bench Road. For the purpose of drilling the Federal #1-19A, the road will only need to be bladed smooth. An existing trail exists part of the way. If the well is successful it may be necessary to blade the road up approximately 18" and approximately 18 feet wide.

- B. The maximum grade will be less than 3 percent.
- C. No turnouts will be necessary.
- D. No drainage will be necessary other than barrow pits created by blading the road if the well is completed as a producer.
- E. No culverts or major cuts or fills will be necessary.
- F. No road surfacing materials will be required.
- G. No gates, cattleguards, or fence cuts will be required.
- H. The access road has been staked.

# 3. Location of Existing Wells (Exhibit "C")

For all existing wells within a one-mile radius of this well.

- A. There are no water wells within a one-mile radius of this location.
- B. There are 2 plugged and abandoned welk within a one-mile radius of this location, in the SE'NW', Sec. 24, T40S-R22E, and the SW'4SW'4, Sec. 18, T40S-R23E, San Juan County, Utah
- C. There are no temporarily abandoned wells within a one-mile radius of this well.
- D. There are no disposal wells within a one-mile radius of this well.
- E. There are no wells presently being drilled within a one-mile radius of this proposed location.
- F. There are four producing wells located within a one-mile radius of this proposed well. They are located as follows:

  NE SEL Sec. 13 and SW4SEL Sec. 24, T40S-R22E, and NW4NW4 and SELNW4 Sec. 19, T40S-R23E, San Juan County, Utah
- G. There are no shut-in wells located within a one-mile radius of this proposed location.
- H. There is one injection well located within a one-mile radius of this proposed location, in the NW4SW4 of Sec. 19, T40S-R23E, San Juan County, Utah.
- There are no monitoring or observation wells for other uses located within a one-mile radius of this proposed location.

# 4. Location of Existing and/or Proposed Facilities Within a one-mile radius of location the following existing facilities are owned or controlled by lessee/operator: Tank Batteries: Three 400-barrel tanks are installed at the #1-24 Federal Well, SW4SE4, Sec. 24-T40S-R22E, San Juan County, Utah. 2) Production Facilities: A 4' x 20' treater is located at the #1-24 Federal well, SW4SE4, Sec. 24-T40S-R22E, San Juan County, Utah. 3) Oil Gathering Lines: None 4) Gas Gathering Lines: None 5) Injection Lines: None 6) Disposal Lines: None If production is obtained, new facilities will be as follows: A pumping unit, engine, heater treater, separator, flowline and tank battery will be required; the tank battery will be located on the drilling pad. The tank battery will consist of two or three 400-barrel welded tanks as shown on Exhibit "D" and a 4' x 20' or 6' x 20' vertical treater. The treater will be located at least 125 feet from the wellhead and the stock tanks will be located at least 125 feet from the wellhead and the treater. The production facilities will be painted a buff color to blend in with the natural color of the area. 2) Exhibit "D" shows the location and dimensions of the proposed facilities. The oil and gas flow lines will be 3" fiberglass or steel lines wrapped with a plastic protective coating buried 3 feet deep. The circulating line will be 2" in diameter steel line, also buried. When the pumping unit is installed, it will be installed on a gravel pad with a wide base. The production pit will be fenced. If the well produces over 5 BWPD, the production pit will be lined and flagged unless the water is fresh. The pumping unit will have guard rails installed around the crank weights and belt guards will be installed over the V-belts from the engine to the pumping unit. A siphon pit will be installed ahead of the water disposal pit if the well produces any water. Plan for Rehabilitation of Disturbed Areas no longer needed for Operations: The reserve pit will be backfilled and recontoured to the original contour as close as practical and the topsoil replaced if necessary. If the well is plugged and abandoned, the location will be leveled and the topsoil replaced if necessary. All foreign material will be buried in the reserve pit and trash pit.

# 3. Proposed Casing Program:

A. Surface Casing: 200', 13-3/8",

200', 13-3/8", 45 lb., K-55, ST&C, 8 rd th, New casing. If surface water is encountered, run approximately 900' of 8-5/8", 24 lb., K-55,

ST&C, 8 rd th New casing.

B. Production Casing:

5-1/2", 14 lb. and 15.5 lb. K-55, ST&C, 8 rd th,

New casing on 4-1/2", 10.5 lb., K-55, LT&C,

8 rd th, New casing.

# 4. Estimated Depths of Anticipated Water, Oil, or Gas Zones.

A. Navajo Sand

530' (Fresh Water)

B. Lower Ismay

5450' (0il)

C. Desert Creek

5550' (0il)

- 5. The casinghead will be a flanged 13-3/8" x 10", 900 Series, 3000 psi working pressure type. The blowout preventer will be a 10", 900 Series, 3000 psi working pressure with 4-1/2" pipe rams and blind rams with a remote hydraulic closing unit. The blowout preventer arrangement will include a kill line and choke manifold as shown in Exhibit "F" in the schematic diagram. The BOP will be tested to 1000 psi prior to drilling out the cement plug in the surface casing and once during each tour.
- 6. Clear water with drilling detergent will be used for a circulating medium to about 2600' depth. The well will then be mudded up properly before drilling the Ismay formation. The mud will be a fresh water gel chemical type mud. The mud weight will be maintained at about 9.5 lbs./gal., viscosity 35 to 45 sec./qt., and water loss 6 to 8 ccs.
- 7. The following auxiliary drilling equipment will be utilized or available:
  - A. Kelly cock
  - B. Float valve above bit
  - C. A 3000-psi W.P. full opening valve will be screwed into a 4-1/2" drillpipe sub to be used as a stabbing valve.
  - D. No mud monitoring equipment will be used.
- 8. No cores are planned on this well. Lower Ismay and Desert Creek porosity with oil shows will be drillstem tested. An Induction Electric log will be run from total depth to the base of any casing. A Borehole Compensated Sonic-Gamma Ray Caliper log will be run over any indicated porosity zones with oil shows.
- 9. No abnormal pressures or temperatures are encountered in the immediate area. The pressure gradient in the Lower Ismay and Desert Creek porosity zones are about 0.388 psi/ft. depth. No hydrogen sulfide has been encountered in the Ismay, Desert Creek, or shallower zones in this area.
- 10. The perforations in either the Ismay or Desert Creek formations will be acidized unless an adequate flow of hydrocarbons into the wellbore is obtained by perforating only. The acid treatments should not be over 500 gallons of acid per foot of perforations. Normal treating pressures are anticipated. If flammable liquids are

used to treat the well, the pumping equipment will be at least 120 feet from the wellhead and the pumping equipment at least 120 feet from the storage tanks.

11. It is planned to spud this well in

The topsoil will be reseeded in a native grass seed mixture recommended by the Bureau of Land Management. The reseeding will be done at the appropriate time of year so that seeds will germinate properly. The same procedure will be followed for the location pad and access road if the well is plugged and abandoned.

# 5. Location and Type of Water Supply

The drilling water will be hauled by truck from a water hole existing approximately 2.6 miles southwest of proposed wellsite. There is an existing access road from the Bluff Bench Road to the water hole. If the weather is wet, it may be necessary to obtain some of the water from Recapture Creek where the Bluff Bench Road crosses it.

# 6. Source of Construction Materials

The only construction materials necessary will be gravel purchased from and hauled in by a commercial source for a wide based pumping unit.

# 7. Method of Handling Waste Disposal

- A. Cuttings: Drill cuttings will be contained in the reserve pit.
- B. Drilling fluids: Drilling fluids will be contained in steel mud tanks and the reserve pit. The reserve pit will be fenced if it cannot be backfilled immediately after the well is drilled.
- C. Any produced oil will be contained in steel swab or test tanks. Produced water, if any, will be contained in the production pit after the well is completed and in swab tanks or the reserve pit until the well is completed and the battery is installed.
- D. Sewage will be disposed in the reserve pit or sanitary holes.
- E. Garbage and waste material will be contained in the trash pit to be dug by a backhoe. The trash pit will be fenced and covered with a mesh fence.
- F. The wellsite will be policed of all foreign material after the drilling and completion rigs are moved off. All trash will be burned or buried. The reserve pit will be backfilled and reseeded.

#### 8. Ancillary Facilities

Not applicable.

#### 9. Wellsite Layout

- A. See attached Exhibit "D" for cuts and fills in the drillsite location.
- B. The layout of the rig is shown on Exhibit "E".
- C. The rig orientation, parking areas and entrance of access road are shown on Exhibit "E".
- D. The reserve pit will not be lined. The water disposal pit will be lined if the well produces over 5 BWPD.

E. The location of the production facilities is shown on Exhibit "D" attached.

#### 10. Plans for Restoration of Surface

- A. The reserve pit will be backfilled and recontoured to the original contour as closely as practical and the topsoil replaced. The location will be leveled and topsoil replaced. All foreign material will be buried in the reserve pit.
- B. The topsoil will be replaced and reseeded to native grasses according to the BLM's specifications on all the unused portions of the location and all of the reserve pit. In case of a dryhole the road will be reseeded unless the surface owner wishes to use it.
- C. The reserve pit will be fenced as soon as the rig is moved off and until it is backfilled. The reserve pit will be backfilled as soon as it dries up enough.
- D. If any oil is left on the reserve pit, it will be removed or the pit flagged.
- E. The reserve pit will be backfilled just as soon as it dries up enough and the weather permits. The location will be leveled as soon as the rig moves off if the well is plugged and abandoned or after production operations are suspended if the well is a producer. The topsoil will be replaced and the location will be reseeded when the weather is right after the location is restored.
- F. The well is planned to be drilled during February or March, 1980. The rehabilitation operations should be completed by early fall.

#### 11. Other Information

- A. The topography is the general area is rough although this location & access road are -good. The soil is very sandy and should be easy to doze and should not cause any problems even in prolonged wet weather. The surface of this location is about 65 percent bare, 3 percent broom snake weed, 2 percent yucca, 10 percent Mormon Tea and 20 percent black sage brush. The well will be spudded in the Morrison formation.
- B. The surface is very arid, covered with very fine sand, usable only for sheep or cattle grazing. The surface is owned by the Federal Government.
- C. No occupied buildings, historical sites, cultural sites or archeological sites are evident from inspecting this location or the access roads.

# 12. Lessee's or Operator's Representative

The Operator's field representative who will be responsible for compliance with the Surface Use and Operations Plan is Robert W. Peterson. Mr. Peterson can be reached by telephone at (303) 861-2470. If Mr. Peterson cannot be reached, Mr. John Steele will be responsible for compliance. Mr. Steele can be reached by telephone at (303) 355-1422.

13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by William W. Whitley, and William W. Whitley's contractors and subcontractors in conformity with this plan and terms and conditions under which it is approved.

Robert W. Peterson, Petroleum Engineer

Dated: January 24, 1980

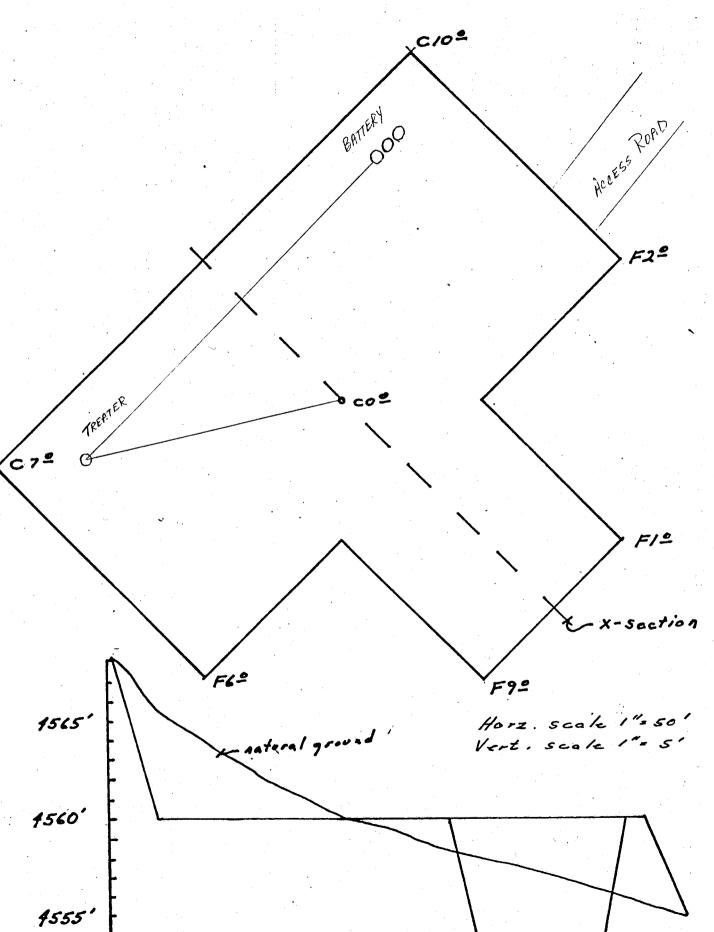
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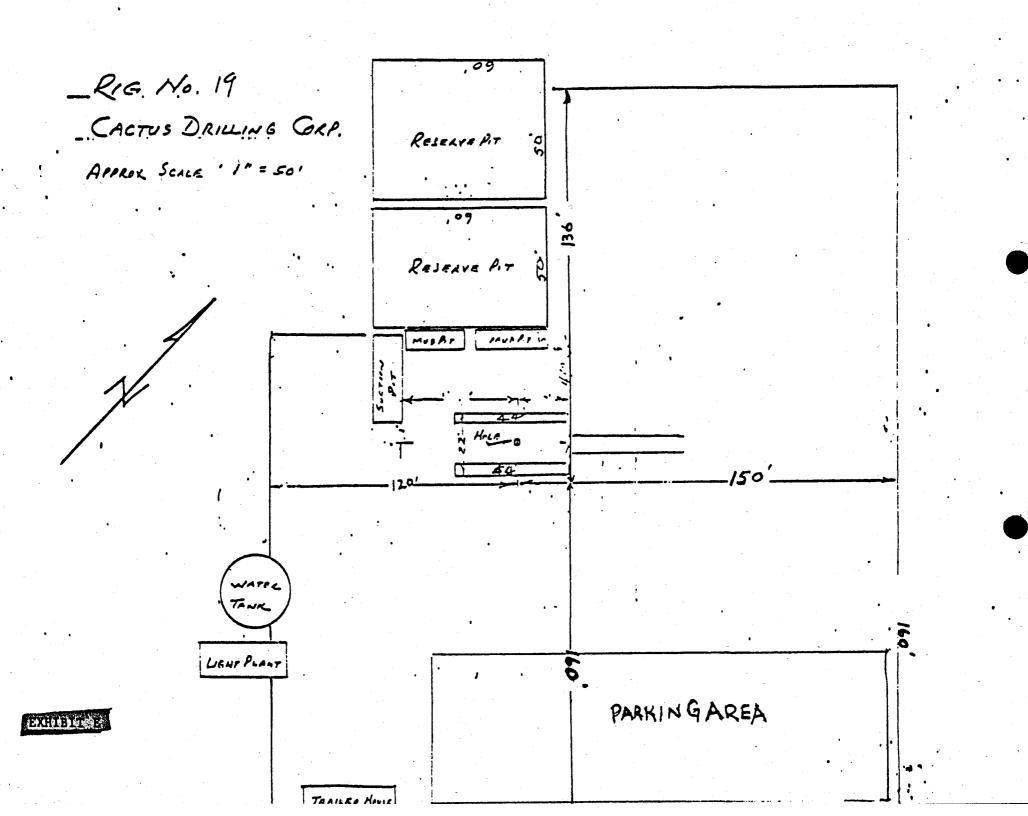
Attachments



POWERS ELEVATION COMPANY, INC.







Fm. 9-331 C'(continued)

#1-19A eral SELNW4 stion 19-T40S-R23E San Juan County, Utah

# 3. Proposed Casing Program:

A. Surface Casing:

200', 13-3/8", 45 lb., K-55, ST&C, 8 rd th, New casing. If surface water is encountered, run approximately 900' of 8-5/8", 24 lb., K-55, ST&C, 8 rd th New casing.

B. Production Casing:

5-1/2", 14 1b. and 15.5 1b. K-55, ST&C, 8 rd th, New casing on 4-1/2", 10.5 1b., K-55, LT&C, 8 rd th, New casing.

# 4. Estimated Depths of Anticipated Water, Oil, or Gas Zones.

A. Navajo Sand

530' (Fresh Water)

B. Lower Ismay

5450' (0i1)

C. Desert Creek

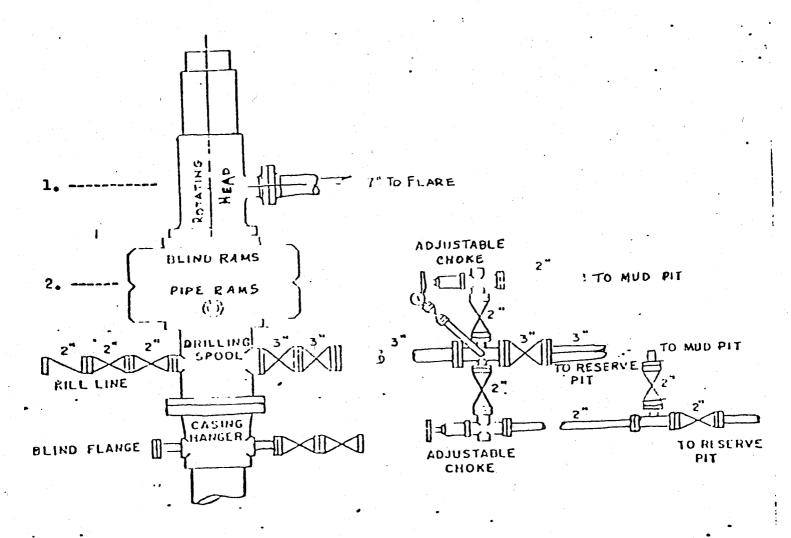
5550' (Oil)

- 5. The casinghead will be a flanged 13-3/8" x 10", 900 Series, 3000 psi working pressure type. The blowout preventer will be a 10", 900 Series, 3000 psi working pressure with 4-1/2" pipe rams and blind rams with a remote hydraulic closing unit. The blowout preventer arrangement will include a kill line and choke manifold as shown in Exhibit "F" in the schematic diagram. The BOP will be tested to 1000 psi prior to drilling out the cement plug in the surface casing and once during each tour.
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  - D. No mud monitoring equipment will be used.
- 8. No cores are planned on this well. Lower Ismay and Desert Creek porosity with oil shows will be drillstem tested. An Induction Electric log will be run from total depth to the base of any casing. A Borehole Compensated Sonic-Gamma Ray Caliper log will be run over any indicated porosity zones with oil shows.
- 9. No abnormal pressures or temperatures are encountered in the immediate area. The pressure gradient in the Lower Ismay and Desert Creek porosity zones are about 0.388 psi/ft. depth. No hydrogen sulfide has been encountered in the Ismay, Desert Creek, or shallower zones in this area.
- 10. The perforations in either the Ismay or Desert Creek formations will be acidized unless an adequate flow of hydrocarbons into the wellbore is obtained by perforationally. The acid treatments should not be over 500 gallons of acid per foot of perforations. Normal treating pressures are anticipated. If flammable liquids are

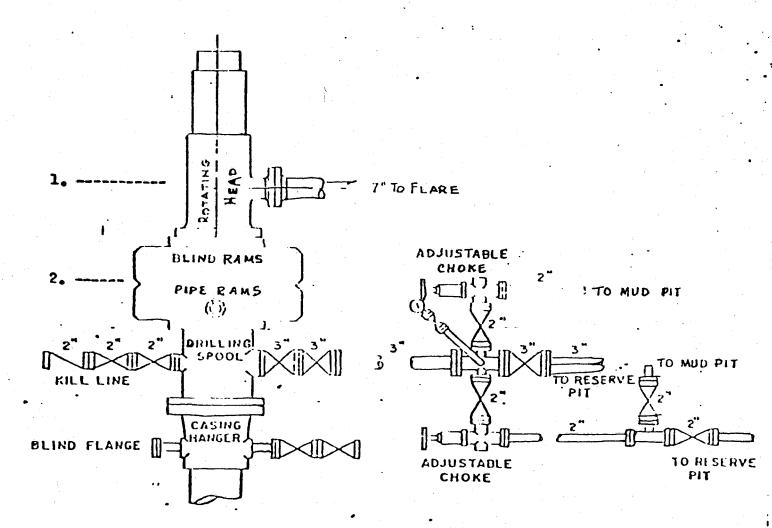
Fm. 9-331 C (continue)

used to treat the well, the pumping equipment will be at least 120 feet from the wellhead and the pumping equipment at least 120 feet from the storage tanks.

11. It is planned to spud this well in



- 1. Shaffer Type 51 Rotating Head
- 2. Shaffer 12"-900 Series Type 48 Double Hydraulic



- 1. Shaffer Type 51 Rotating Head
- 2. Shaffer 12" 900 Series Type 48 Double Hydraulic

\*\* FILE NOTATIONS \*\*

	: Juniary 7,1980	
Oper-	ator: William W. Wh	ittey
	No: Jederal 1-19A	
Loca	tion: Sec. <u>19</u> T. <u>405</u> R.	23E County: San Juan
File	Prepared:	Entered on N.I.D.:
	Indexed: [V]	Completion Sheet:
	API Number	43-037-30535
CHEC	KED BY:	
	Geological Engineer:	
.\	Petroleum Engineer:	
	Director: 7 6	
APPR	OVAL LETTER:	
	Boul Dominals	Cuture Dant Danielo de
-A	Bond Required:	Survey Plat Required:
-44	order No. 85 2/1463	O.K. Rule C-3
	order No. 85 2/14/63	0.K. Rule C-3
	order No. 85 2/14/63	O.K. Rule C-3
A.	Order No. 85 2/1463  Rule C-3(c), Topographic Except within a 660' radio  Lease Designation [Jed]	0.K. Rule C-3 [] tion/company owns or controls acre tus of proposed site []
A	Order No. 85 2/1463  Rule C-3(c), Topographic Except within a 660' radio  Lease Designation [Jed]	0.K. Rule C-3 [

February 8, 1980

William W. Whitley 1600 B**a**oadway, Suite 1705 Denver, Colorado 80202

> Re: Well No. Federal #1-19A Sec. 19, T. 40S, R. 23E., San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 85 dated February 14, 1963.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER Geological Engineer Office: 533-5771 Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30535.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder Geological Engineer

/b.tm

cc: USGS

June 18, 1981

William W. Whitley 1600 Broadway, Suite 1705 Denver, Colorado 80202

> Re: Well No. Federal #1-19A Sec. 19, T. 40S, R. 23 E San Juan County, Utah

> > Well No. Federal #2-25-3E Sec. 25, T. 40S, R. 22E San Juan County, Utah

#### Gentlemen:

In reference to above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Disision. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling these locations at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Yeny truly yours,

DIVISION OF OIL, GAS, AND MINING

Sandy Bates Clerk-Typist



william w. whitley 1705 colorado state bank building 1600 broadway denver · colorado · 80202 phone (303) 861 · 2469

June 22, 1981

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attn: Sandy Bates Clerk-Typist

Re: Federal 1-19A

Section 19=T40S-R23E San Juan County, Utah

Federal 2-25-3E Section 25-T40S-R22E San Juan County, Utah

Dear Ms. Bates:

In response to your letter of June 18, 1981 concering the status of the above two well locations:

We do not intend to drill the Federal 1-19A. We plan to drill the 2-25-3E well, but at a later date.

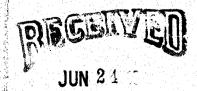
If you need any further information, please do not hesitate to ask.

Very truly yours,

Sally Scheiman

Secretary

/ss



Sally Scheimen

DIVISION OF OIL, GAS & MINING



Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 9, 1982

William W. Whitley 1705 Colorado State Bank Building 1600 Broadway Denver, Colorado 80202

> Re: Well No. Federal 1-19A Sec. 19, T. 40S, R. 23E San Juan County, Utah

#### Gentlemen:

Approval to drill the above mentioned well, which was granted in our letter of February 8, 1980, is hereby terminated for failure to spud it within a reasonable period of time.

If and when you should decide to drill this well, it will be necessary for you to again obtain the approval of this Division.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Tuft

Cleon B. Feight

Director